

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL DUE TO GEOMETRIC IMPROVEMENTS AT THE INTERSECTION OF MD 152 (MAGNOLIA ROAD) AND TRIMBLE ROAD IN HARFORD COUNTY. MD 152 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING POLE MOUNTED CONTROLLER WILL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-30

STANDARD NO. MD-104.03-01 (INTERSECTION FAR-RIGHT FLAGGING OPERATION)

STANDARD NO. MD-104.04-01 (SHOULDER WORK)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

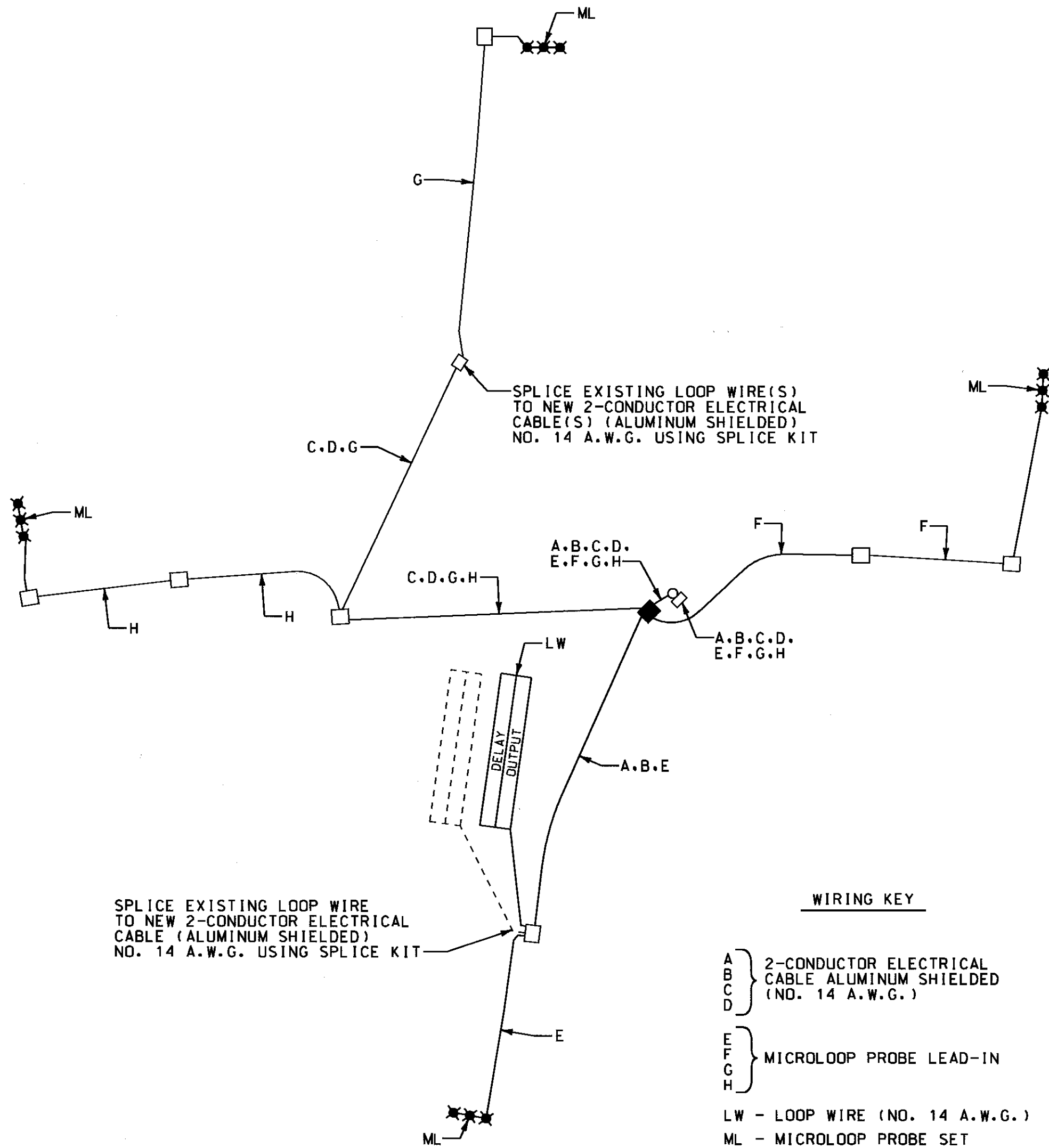
MR. RANDALL SCOTT  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (410) 321-2780

MR. JOE McMAHON  
ACTING DISTRICT UTILITIES ENGINEER  
PHONE: (410) 321-2841

MR. DAVE RAMSEY  
ACTING ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (410) 321-2761

MR. RICHARD L. DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

WIRING DIAGRAM



EQUIPMENT LIST "A"

NO EQUIPMENT TO BE SUPPLIED BY THE SHA

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA  
ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2002	1 C.Y.	TEST PIT EXCAVATION
5005	30 L.F.	24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
5008	30 L.F.	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS - ANY WIDTH
8028	1 EACH	FURNISH AND INSTALL MICROLOOP PROBE SET WITH 1000 FOOT LEAD-IN CABLE
8029	3 EACH	FURNISH AND INSTALL MICROLOOP PROBE SET WITH 500 FOOT LEAD-IN CABLE
8042	1 EACH	INSTALL CONDUIT (UP TO 4 INCHES) BEND IN EXISTING FOUNDATION
8048	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT
8051	20 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8052	80 L.F.	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED
8053	25 L.F.	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8068	25 L.F.	FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
8072	1 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8081	575 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8087	540 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING (NO. 14 A.W.G.)
8088	260 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8091	200 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

PHASE CHART

1	2	3	4	5	6	7	8
R	R	R	R	R	R	R	R
Y	Y	Y	Y	Y	Y	Y	Y
G	G	G	G	G	G	G	G

PHASE 2 + 6	G	G	G	G	R	R	R	R	
2 + 6 CHANGE	Y	Y	Y	Y	R	R	R	R	
PHASE 3 + 8	R	R	R	R	G	G	R	R	
3 + 8 CHANGE	R	R	R	R	G	G	R	R	
PHASE 4 + 8	R	R	R	R	G	G	G	G	
4 + 8 CHANGE	R	R	R	R	Y	Y	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	



Whitman, Reardon  
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(410) 235-3450



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION SHEET  
MD 152 (MAGNOLIA RD) AND TRIMBLE ROAD

DRAWN BY: S.BLOSS  
CHECKED BY: N.LEARY  
SCALE: NONE  
DATE: 7/22/02

F.A.P. NO.  
S.H.A. NO.  
COUNTY:  
LOG MILE:

TS NO.  
2639 C  
T.I.M.S. NO.  
F375

SHEET NO.  
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